

City of Massena, Iowa

Sanitary Sewer Improvements

Cost Estimate - Sanitary Sewer Improvements - Alternative 3

CAPITAL COSTS

Project: Sanitary Sewer Improvements - Alternative 3

Item No.	Description	Quantity	Units	Unit Price	Total Price
GENERAL					
1	Sump Pump Inspection Program	1	LS	\$25,000	\$25,000
2	Mobilization, Insurance, etc...	1	LS	\$25,000	\$25,000
3	Traffic Control	1	LS	\$15,000	\$15,000
SANITARY SEWER MAIN IMPROVEMENTS					
4	Repair broken/exposed sewer main section - 8 in.	40	LF	\$45	\$1,800
5	Raise top of sanitary manhole east of lift station area	1	EA	\$2,500	\$2,500
6	CIPP Sanitary Sewer Lining, 8-inch	11,301	LF	\$45	\$508,545
7	Sanitary Sewer Replacement, 8-inch	3,375	LF	\$150	\$506,250
8	Sanitary Sewer Point Repairs (21 Locations)	21	EA	\$8,500	\$178,500
9	Sanitary Manhole	5	EA	\$5,000	\$25,000
10	Mag Meter flow measurement device and installation	1	LS	\$15,000	\$15,000
SUBTOTAL - CONSTRUCTION					\$1,302,595
CONTINGENCY, ENGINEERING AND LEGAL					\$403,804
TOTAL PROJECT COST ESTIMATE					\$1,706,399